

MEMORANDUM

To: Duncan Ross, Planning Department
From: Public Works and Utilities/Wastewater Division
Subject: Revised Comments Regarding Amendments to Comprehensive Plan
Date: April 22, 2004
Cc: Steve Master, Gary Brandt, Gary Thalken, Brian Kramer, Steve Henrichsen

Listed below are comments that the Wastewater Division has regarding the proposed Comprehensive Plan amendments now being evaluated. The amendments are numbered as per your review handout provided in February, 2004 and at the April 15th, 2004 meeting at the Wastewater Training Room.

Amendment 04002 — SW 40th & West A Street

The proposed area is an 80-acre parcel south of West A and East of SW 40th Street and approximately 22 acres north of West A Street and East of SW 40th Street. Both of these areas would be served from a 12" sewer line located in West A Street. This line is currently at capacity based on a full pipe at design conditions. Improvement would have to be made to approximately 9,500 feet of line to provide relief capacity to serve this area. None of these improvements have been included in the 2003-09 CIP. Only 22 acres north of West A Street can be provided sewer service due to the elevation of the sewer in West A Street and the slope of the area away from West A Street toward Middle Creek. This assumption is based on extending the existing 12" sewer in West A Street at minimum slope to the west. A detailed engineering study is necessary to determine the sub-basin sewer requirements for serving this proposed area. Achieving the improvements necessary to serve this area through a future CIP will require sewer rate increases. Additional 8" sewers will be required to serve this area at the developer's expense. The Theresa Street Treatment Plant has available capacity to serve this development.

Amendments 04003 through 04008

No Comment

Amendment 4009 — S. 134th & A

This proposed amendment is for an area that is in the Tier III service area which is beyond the 25 year service area. LWWS requests that a sanitary sewer ROW/Corridor be reserved or provided for along the East side of Stevens Creek and in other sub-basins to be served in the future by sanitary sewer.

Amendment 04010 — S. 66th & Hwy 2

The proposed area in this amendment was originally planned for connection to an existing 8" diameter line located at 64th and Hwy 2. It is LWWS assumption that the sewer that would serve this proposed area would be an 8" line and would connect to the above noted existing 8" line. The cost for this 8" line and the connection to the existing line would be at the developers cost. Sewers 8" and smaller required to serve this area will be at the Developer's expense. The Theresa Street Treatment Plant has available capacity to serve this development.

Amendment 04011 --- SW Corner of 84th and Hwy 2

75% of the proposed area in this amendment is in Tier I Priority A and 25% is in Tier 1 Priority B. The proposed area in this amendment can be served by connecting to the end of the existing 15" main located at South 70th and Hwy 2 and Pine Lake Road. An outfall sewer to serve this area would need to be coordinated with sewer services to other possible development areas located south of Highway No. 2 and between So. 75th and 84th St. Right-of-way and easements thru these areas would need to be acquired and agreed upon before service could be extended. An engineering study of all the areas, the proposed area and areas in-between needs to be conducted to determine the most feasible routes and extensions necessary to provide sanitary sewer service and further identify the necessary projects and timing. Achieving the construction projects necessary to serve these areas will require sewer rate increases. These improvements require approval of the CIP in upcoming years. The cost for this 8" line and the connection to the existing line would be at the developers cost. The Theresa Street Treatment Plant has available capacity to serve this development.

Amendment 04012 --- N 84th & Adams

The proposed area was originally part of the Regent Heights Area and thus the existing Regents heights sewer would serve the higher portions of the area. The lower portion, that is the eastern and northeastern portions of the area, may have to be served by the future Stevens Creek Trunk Sewer. The Stevens Creek Trunk Sewer is not scheduled to reach this area, Adams Street, until 2012. Achieving the Stevens Creek Trunk Sewer Construction project as listed in the 2003-09 CIP will require sewer rate increases. These improvements require approval of the CIP in upcoming years. Sewers 8" and smaller required to serve this area will be at the Developer's expense. The Northeast Treatment Plant has available capacity to serve this development.

Amendment 04013 --- NW 12th & Hwy 34

This proposal requests that currently designated Tier 1 Priority 'A' and 'B' areas both be connected for service. These areas can be served to the south across Kawasaki property or to the west to an existing 15" line that ends just north of NW 27th and Highway 34 and that connects to the West Highlands Trunk. LWWS prefers that if the areas is served to the west that it would be connected to the existing 15" diameter line at 27th Street just North of Hwy 34. Downstream improvements are required on the existing trunk sewer line that runs south on NW 41st St. To West Mathis St. before this area could be served. These improvements are currently identified in the 2003-09 CIP for completion in 2007. These improvements require approval of the CIP in upcoming years. Achieving the Oak Creek Trunk Sewer Construction project as listed in the 2003-09 CIP will require sewer rate increases. Sewers 8" and smaller required to serve this area will be at the Developer's expense. The Theresa Street Treatment Plant has available capacity to serve this development.

Amendment 04014 — NW 70th & West Superior

The proposed area is currently a Tier I Priority A area. This area would be served by an extension of a sewer connected by an extension of a sewer connected to the end of an existing 21" diameter line at approximately NW 66th St and west Luke St. extended. However, downstream improvements on the existing trunk lines and Oak Creek siphon located on West Mathis St and the Oak Creek Trunk Sewer west of the Airport Runway are necessary to increase capacity and to serve the added flows from this area. These improvements are currently identified in the 2003-09 CIP for completion in 2007. These improvements require approval of the CIP in upcoming years. Achieving the Oak Creek Trunk Sewer Construction project as listed in the 2003-09 CIP will require sewer rate increases. Sewers 8" and smaller required to serve this area will be at the Developer's expense. The Theresa Street Treatment Plant has available capacity to serve this development.

Amendment 04015 — South 70th & Yankee Hill Road

This proposed area is the quarter section on the southeast corner of 70th & Yankee Hill Road. Before this area could be served the Beal Slough Relief Sewer Phase I must be completed and a trunk sewer would need to be extended from the existing end of the trunk line located at approximately 66th and Pine Lake Road. The Beal Slough Relief sewer and the extension of this sub-basin trunk line into this area is currently shown in the 2003-09 CIP and scheduled for completion in 2006. This identified future CIP project requires approval of the CIP in the upcoming years. Achieving the construction projects shown in the CIP will require sewer rate increases. Additional 8" sewers will be required to serve this area at the developer's expense. The Theresa Street Treatment Plant has available capacity to serve this development.

Amendment 04016 — Northwest Oak Creek Basin

The proposed area is a large area with multiple areas of development encompassing areas south, west, and north of the airport. Some of the areas identified in this amendment are currently in Tiers I, II, and III. Additional information will be required to make a recommendation. A number of downstream improvements have been identified in the 2003-09 CIP that are necessary to serve this area. A detailed engineering study is necessary to determine the sub-basin sewer requirements for serving this proposed area. Achieving the construction projects shown in the CIP will require sewer rate increases. Additional 8" sewers will be required to serve this area at the developer's expense. The Theresa Street Treatment Plant has available capacity to serve this development.

Amendment 02001 — 84th & Van Dorn

The proposed area is in the Stevens Creek Basin. This area can be served by the future Stevens Creek Trunk Sewer. The Stevens Creek Trunk Sewer is not scheduled to reach this area, Van Dorn Street, within the next 15 years. Achieving the Stevens Creek Trunk Sewer Construction project as listed in the 2003-09 CIP will require sewer rate increases. These improvements require approval of the CIP in upcoming years. Sewers 8" and smaller required to serve this area will be at the Developer's expense. The Northeast Treatment Plant has available capacity to serve this development.